



COLORADO

Office of Emergency Preparedness & Response

Department of Public Health & Envirc

Print date 8/17/2015

CASE NUMBER: 2015-0529 DATE ENTERED: 8/17/2015 TIME ENTERED: 13:19
WHO TOOK REPORT: ANN NEDROW/NRC DATE REPORTED: 8/17/2015 TIME REPORTED: 1:10:00 PM
NRC NUMBER: 1125898

CALLER: BOB THOMAS CONFIDENTIAL: N PHONE: 303-286-3236
ORGANIZATION: METRO WASTEWATER RECLAMATION DISTRICT
STREET: 6450 YORK ST.
CITY: DENVER COUNTY:
STATE: CO ZIP CODE: 80229-

POTENTIALLY RESPONSIBLE PARTY METRO WASTEWATER RECLAMATION DISTRICT
PRP CONTACT: BOB THOMAS PRP PHONE: 303-286-3236
ADDRESS: 6450 YORK ST. EMAIL: rthomas@mwrddst.co.us
CITY: DENVER COUNTY:
STATE: CO ZIP CODE 80229-

EVENT DATE: 8/17/2015 EVENT TIME: 8:15:00 AM
LOCATION 6450 YORK ST. MILE MARKER:
CITY: DENVER COUNTY: ADAMS
STATE: CO ZIP CODE 80229-
Latitude:
Longitude:

TYPE OF MATERIAL SANITARY SEWER OVERFLOW
MATERIAL1: WASTEWATER QUANTITY1: UNIT1: QTY TO WATER1: 600 UNIT1: G
MATERIAL2: QUANTITY2: UNIT2: QTY TO WATER2: UNIT2:
MATERIAL3: QUANTITY3: UNIT3: QTY TO WATER3: UNIT3:

SOURCE: SS
SOURCE TYPE SANITARY SEWER/LIFT STATION
CAUSE: FAILURE EQUIPMENT

CAUSE INFORMATION: A line break from the secondary clarifiers going over to disinfection resulted in release of an unknown amount of treated but not disinfected wastewater to land. 600 gallons of this is estimated to have reached a storm drain that joins the effluent on its way to the S. Platte River.

MEDIUM IMPACTED: WATER AND LAND

☐ Fixed Facility

☒ Land

☐ Air

☐ Groundwater

☒ Surface Water

Waterway Impacted:

STORM DRAIN --> EFFLUENT LINE --> S. PLATTE RIVER

NUMBER OF DEATHS:

NUMBER OF INJURIES:

EVACUATION:

NUMBER EVACUATED:

ACTION TAKEN: The line was shut off as soon as the release was discovered. Blocks were put around the storm drain to prevent entry.

CDPHE NOTIFIED: WQCD: MICHELLE THIEBAUD, DAVID KURZ, CHRISTINE LUKASIK, KELLY JACQUES, ANNE MARIE GOOLSBY;

COMMENTS: Tri-County EH: Brian Hlavacek, Michele Askanazi, Tom Butts

RESPONDERS:

RESPONDER COMMENTS:

ADDITIONAL COMMENTS:



STATE OF
COLORADO

Thiebaud - CDPHE, Michelle <michelle.thiebaud@state.co.us>

Re: CDPHE Spills Tracking System Data Entry Form 2015-0529

1 message

Lukasik - CDPHE, Christine <christine.lukasik@state.co.us>

Mon, Aug 17, 2015 at 2:16 PM

To: "Nedrow - CDPHE, Ann" <ann.nedrow@state.co.us>, Michelle Thiebaud - CDPHE <michelle.thiebaud@state.co.us>, David Kurz - CDPHE <david.kurz@state.co.us>, Kelly Jacques - CDPHE <kelly.jacques@state.co.us>

The WWTP had a line break after secondary clarification prior to disinfection and released about 600 gallons to concrete on Metro's private land and in a storm sewer which release to the S. Platte River this morning. It has been cleaned up and a five day spill report should be sent to Bob Thomas at the email address in the report.

The Division does not anticipate any further follow up.

Best Regards,

Christine Lukasik
Associate Field Engineer
Field Services Section



COLORADO
Water Quality Control Division
Department of Public Health & Environment

P 303.692.6291 | F 303.782.0390

4300 Cherry Creek Drive South, Denver, CO 80246

christine.lukasik@state.co.us | www.colorado.gov/pacific/cdphe

24-hr Environmental Release/Incident Report Line: 1-877-518-5608

The contents of this email may be considered a public record, and therefore subject to the Colorado Open Records Act.

On Mon, Aug 17, 2015 at 2:08 PM, Lukasik - CDPHE, Christine <christine.lukasik@state.co.us> wrote:
Denver Field Services will follow up.

Best Regards,

Christine Lukasik
Associate Field Engineer
Field Services Section



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24-hr Environmental Release/Incident Report Line: 1-877-518-5608

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On Mon, Aug 17, 2015 at 1:41 PM, Nedrow - CDPHE, Ann <ann.nedrow@state.co.us> wrote:
Attached is a report for Adams County of a line break at the wastewater treatment plant leading to a release through a storm drain to the effluent leading to the S. Platte River. The release has been stopped.

Thank you,
Ann

Ann Nedrow
Daytime Coordinator, Emergency and Incident Reporting Line
Office of Emergency Preparedness and Response



COLORADO
Office of Emergency
Preparedness & Response
Department of Public Health & Environment

P [303.692.2709](tel:303.692.2709) | F [303.691.7811](tel:303.691.7811) |
4300 Cherry Creek Drive South, C-2, Denver, CO 80246
Ann.Nedrow@State.Co.Us | www.colorado.gov/

24-hour Colorado Emergency and Incident Reporting Line: 1-877-518-5608



STATE OF
COLORADO

Thiebaud - CDPHE, Michelle <michelle.thiebaud@state.co.us>

CDPHE Incident Report No. 2015-0529

1 message

Pfeifer, Theresa <tpfeifer@mwr.dst.co.us>

Mon, Aug 24, 2015 at 4:01 PM

To: "Michelle Thiebaud - CDPHE (michelle.thiebaud@state.co.us)" <michelle.thiebaud@state.co.us>

Please find attached a copy of the Metro Wastewater Reclamation District's Incident Report No. 2015-0529. If you have any questions please give me a call at (303) 286-3340 or e-mail me at tpfeifer@mwr.dst.co.us.
Thanks.

Theresa Pfeifer

Regulatory Compliance Officer

Metro Wastewater Reclamation District



Scum Pipe Leak 8-17-2015 REPORT DATED 08-24-2015.pdf
259K



STATE OF
COLORADO

Thiebaud - CDPHE, Michelle <michelle.thiebaud@state.co.us>

Re: CDPHE Incident Report No. 2015-0529

1 message

Lukasik - CDPHE, Christine <christine.lukasik@state.co.us>
To: "Thiebaud - CDPHE, Michelle" <michelle.thiebaud@state.co.us>

Thu, Aug 27, 2015 at 8:27 AM

Please close out accordingly, no further action is anticipated by the Division.

Best Regards,

Christine Lukasik
Associate Field Engineer
Field Services Section



COLORADO
Water Quality Control Division
Department of Public Health & Environment

P 303.692.6291 | F 303.782.0390
4300 Cherry Creek Drive South, Denver, CO 80246
christine.lukasik@state.co.us | www.colorado.gov/pacific/cdphe

24-hr Environmental Release/Incident Report Line: [1-877-518-5608](tel:1-877-518-5608)

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On Wed, Aug 26, 2015 at 4:12 PM, Thiebaud - CDPHE, Michelle <michelle.thiebaud@state.co.us> wrote:
For your review.

----- Forwarded message -----

From: **Pfeifer, Theresa** <tpfeifer@mwr.dst.co.us>
Date: Mon, Aug 24, 2015 at 4:01 PM
Subject: CDPHE Incident Report No. 2015-0529
To: "Michelle Thiebaud - CDPHE (michelle.thiebaud@state.co.us)" <michelle.thiebaud@state.co.us>

Please find attached a copy of the Metro Wastewater Reclamation District's Incident Report No. 2015-0529. If you have any questions please give me a call at (303) 286-3340 or e-mail me at tpfeifer@mwr.dst.co.us.
Thanks.

Theresa Pfeifer
Regulatory Compliance Officer
Metro Wastewater Reclamation District

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Michelle Thiebaud
Program Assistant
Field Services Section, Water Quality Control Division



COLORADO
Water Quality Control Division
Department of Public Health & Environment

(970) 248-7150

Colorado Department of Public Health and Environment
222 South 6th Street, Room 232 Grand Junction, CO 81501
michelle.thiebaud@state.co.us | www.colorado.gov/pacific/cdphe
24-hour Environmental Release/Incident Reporting Line: 1-800-877-5186

**Colorado Department of Public Health and Environment
Water Quality Control Division**
**Incident / Spill / SSO Release Reporting
Five (5) Day Reporting Form**

<input checked="" type="checkbox"/> Field Services - Grand Junction 222 South 6th Street, Room 232 Grand Junction, CO 81501 Telephone: 970-248-7150 Fax: 970-248-7198 Contact email: michelle.thiebaud@state.co.us	<input type="checkbox"/> Field Services - Pueblo 140 Central Main, Suite 300 Pueblo, CO 81003 Telephone: 719-295-5060 Fax: 719-543-8441 Contact email: carol.keeve@state.co.us	<input type="checkbox"/> Field Services - Denver 4300 Cherry Creek Dr. South, B2 Denver, Colorado 80246-1530 Phone: 303-692-3650 Fax: 303-782-0390 Contact email: annemarie.goolsby@state.co.us
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Reporting Form: Incident / Spill / Sanitary Sewer Overflow (SSO)

The Water Quality Control Division distinguishes between reporting requirements for spills that occur with respect to activities that result in a discharge that is authorized under a CDPS permit and those that are not. Reporting and management of spills that occur with respect to activities resulting in a discharge authorized under a permit should be performed in accordance with the specific requirements of that permit. If the permit does not require a 5-day report, please provide the information below in writing. For non-permitted activities, or in the case of an activity where a permit does not address reporting of or response to a given spill, please submit this written response to the Water Quality Control Division within five (5) working days of the date of the event. If sufficient space is not provided, please attach other sheets. Please send the completed form with signature via fax or email to the Division's Field Services office indicated above. If you have any questions please contact the Division's Field Services Engineer at your earliest convenience. The Field Services County list is available at: <http://www.colorado.gov/cdphe/wqcd> (Contacts, Inspection services contacts, then Field services contacts).

Prior to the five (5) working day deadline, you may request an extension to submit the report if sample analyses justifiably are going to require more time to analyze than the reporting time allows. To request an extension please send an email to the Division's Field Services Engineer for the County that the incident / spill / SSO took place or to the email listed above.

Incident Background Information			
County	Adams		
Incident / Spill Number (Division provided) and Spill Date	2015-0529 8/17/15		
Type of Incident / Spill / SSO (check one)	<input type="checkbox"/> Sanitary Sewer Overflow/Reuse <input type="checkbox"/> WW Treatment Plant Bypass or Upset (through an authorized outfall point) <input type="checkbox"/> Unplanned potable water release (e.g., water line break)	<input type="checkbox"/> Petroleum Product <input checked="" type="checkbox"/> WW Treatment Plant Spill or Overflow (other than outfall)	<input type="checkbox"/> Chemical <input type="checkbox"/> Biosolids <input type="checkbox"/> Other
Contact Information			
Potentially Responsible Party (PRP): Contact Name	Theresa Pfeifer	Potentially Responsible Party (PRP): Company / Agency	Metro Wastewater Reclamation District
PRP Phone / Fax	Phone: 303-286-3340 Fax: 303-286-3035	PRP email address	tpfeifer@mwr.d.dst.co.us
CDPS Permit Number:	CO-0026638	CDPS Permittee Name:	Metro Wastewater Reclamation District
Reported by (if not PRP): Contact Name	Robert Thomas	Reported by (if not PRP): Company / Agency	Metro Wastewater Reclamation District
Reported by (if not PRP): Phone / Fax	Phone: 303-286-3236 Fax: 303-286-3035	Reported by (if not PRP): email address	rthomas@mwr.d.dst.co.us
Incident Information: Please provide the following information.			
A	Incident / spill / SSO source, cause, and event description. Response: At approximately 7:57 am on August 17, 2015, Metro District personnel observed water flowing out of the ground between two of the south secondary clarifiers. The flow was attributed to a Kamlock cap on the south secondary scum cleanout that had been dislodged, allowing secondary clarifier effluent (secondary effluent before chlorination) to leak out of the pipe and onto the ground and street, and eventually into some storm sewer catch basins that discharge to the final effluent channel just upstream of the District's discharge point into the South Platte River. All of the south secondary clarifier waste activated sludge, surface waste, and scum pumping was shut down at approximately 8:21 am on August 17 and the flow stopped. The catch basin inlets were covered with heavy plastic sheeting and sand bags were placed to secure the plastic sheeting, thus preventing additional flow into the storm sewer system.		

**Colorado Department of Public Health and Environment
Water Quality Control Division**

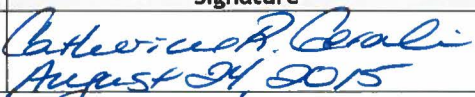
**Incident / Spill / SSO Release Reporting
Five (5) Day Reporting Form**

B	<p>Material released (e.g., untreated wastewater, biosolids, specific chemicals or products) and estimated total quantity (e.g., gallons). Please attach MSDS for any and all chemicals or products involved in spill or release.</p> <p>Response: Approximately 480 gallons of secondary clarifier effluent were released on August 17, 2015. The Metro District was able to recover approximately 130 gallons from the street and ground, but the remaining 350 gallons did commingle with the District's final effluent and was then discharged to the South Platte River.</p>
C	<p>Actual or estimated dates and times of the event, including duration and actual date and time spill was fully controlled/stopped. If release is still occurring, the date and time the release is expected to be stopped.</p> <p>Response: On August 17, 2015, from approximately 7:57 am to 8:21 am, approximately 480 gallons of secondary clarifier effluent was lost before the discharge was stopped.</p>
D	<p>Location of release (e.g., address, lat/long, road name and mile marker).</p> <p>Response: Metro Wastewater Reclamation District Robert W. Hite Treatment Facility located at 6450 York Street, Denver, CO 80229.</p>
E	<p>Describe measures taken or planned to contain, reduce, and clean up spill or release.</p> <p>Response: All of the south secondary clarifier waste activated sludge, surface waste and scum pumping was shut down at approximately 8:21 am on August 17, and the flow stopped. The three catch basin inlets were covered with heavy plastic sheeting and sand bags were placed to secure the plastic sheeting, thus preventing additional flow into the storm sewer system. The remaining standing liquid on the ground and street was vacuumed up and discharged back to the headworks of the treatment plant. The impacted storm sewer system, catch basins, ground, and street area contaminated with secondary clarifier effluent were all pressure washed, and the wash water vacuumed up and discharged to the treatment plant.</p>
F	<p>Steps taken or planned to prevent reoccurrence of the event.</p> <p>Response: The Kamlock cap was replaced at 9:30 am on August 17, 2015, and all normal pumping activities resumed. In addition, District staff will review Kamlock cap installations to determine if more robust options are available for this application.</p>
<p>Incident Impact to State Waters (As defined in § 25-8-103(19), C.R.S.). <i>Examples of State waters include: perennial streams, intermittent or ephemeral gulches, ditches, ponds, lakes, reservoirs, irrigation canals, wetlands, stormwater conveyances (when they discharge to surface water), and groundwater.</i></p>	
G	<p>Did flow or materials reach surface waters of the State? If so, please describe the path of flow to State waters and which State water body was impacted (e.g., spill impacted a storm drain which was directly connected to Cherry Creek, Colorado River, etc.). If yes, what quantity of material (e.g., gallons) reached the surface water and what was the resulting impact?</p> <p>Response: Yes. A majority of the secondary clarifier effluent reached the Metro District's storm sewer system which, in this part of the facility, discharges into the north final effluent channel just upstream of the District's discharge point into the South Platte River. The 350 gallons were commingled with approximately 0.84 million gallons of treated, chlorinated, and dechlorinated wastewater. District staff pulled manhole covers and vacuumed out the standing material that made it to the storm sewer system. The system was flushed and all secondary clarifier effluent and cleaning waters were collected, vacuumed up, and discharged to the treatment plant.</p> <p>Metro District staff conducted an environment assessment of the South Platte River; no impact to surface waters, aquatic life, human health, or the environment were observed or expected because of the de minimis amount of secondary clarified effluent related to the total discharge of treated, chlorinated, and dechlorinated wastewater.</p>
H	<p>Were any water quality samples or other samples taken? If so, please describe sampling process and attached results.</p> <p>Response: NO</p>
I	<p>Did flow or materials reach groundwater of the State? If so, please describe the path of flow to State waters and which State water body impacted (e.g, spill soaked into ground and wet soil was not excavated). If yes, what quantity of material (e.g., gallons) reached the ground or groundwater and what was the resulting impact?</p>

Colorado Department of Public Health and Environment
Water Quality Control Division

Incident / Spill / SSO Release Reporting
Five (5) Day Reporting Form

	Response: NO
J	Did the incident include any of the following (check if yes)? If so, please include additional details below. <input type="checkbox"/> Toxic Chemical Release <input type="checkbox"/> Fish Kill Response: NO
Incident Impact to Areas or Water Users	
K	Did the incident / spill / SSO impact any areas (e.g., public use areas including parks or swim beaches) or downstream water users (e.g., public water suppliers, irrigation diversions)? Please list impacted areas and/or users, their location, and potential impacts. Response: NO
L	How were the impacted area users (e.g., park patrons) and downstream water users notified (e.g., signs posted, list downstream users contact via phone). Response: Metro District staff provided a courtesy phone notification to Thornton and Adams County on August 17, 2015, and notified the State Engineers Office, who contacted all downstream water users.

I hereby certify that the information presented above is accurate and complete.			
Date	Company	Typed Name and Title	Signature
08/24/15	Metro Wastewater Reclamation District	Catherine R. Gerali District Manager	 August 24, 2015